WHAT IS CLAIMED IS:

1. A system comprising:

a plurality of radio components; and

a packetized switch, configured to connect some of the radio components to at least some other of the radio components, such that a collection of connected ones of the radio components forms a complete software radio.

2. The system of claim 1, wherein the packetized switch includes one of an Ethernet switch, an Asynchronous Transfer Mode switch, and an Internet Protocol router.

3. The system of claim 1, wherein:

a plurality of first ones of the radio components each include a red processor portion and a crypto portion,

a plurality of second ones of the radio components each include a black processor portion and a black radio portion, and

at least one of the first ones of the radio components are connected to at least one of the second ones of the radio components via the packetized switch.

4. The system of claim 1, wherein:

a plurality of first ones of the radio components each include a crypto portion,

a plurality of second ones of the radio components each include a black radio portion, and

at least one of the first ones of the radio components are connected to at least one of the second ones of the radio components via the packetized switch.

5.   The system of claim 1, wherein:

a plurality of first ones of the radio components each include a red processor portion,

a plurality of second ones of the radio components each include a crypto portion, and

at least one of the first ones of the radio components are connected to at least one of the second ones of the radio components via the packetized switch.

6.   The system of claim 1, wherein:

a plurality of first ones of the radio components each include a red processor portion,

a plurality of second ones of the radio components each include a black processor portion, and

at least one of the first ones of the radio components are connected to at least one of the second ones of the radio components via the packetized switch.

7.   The system of claim 1, wherein the packetized switch includes one of an Ethernet switch, an Asynchronous Transfer Mode switch, and an Internet Protocol router.

8.   The system of claim 1, further comprising at least one management station configured to communicate via the packetized switch to at least one of the radio components, the at least one management station is further configured to monitor or control the at least one of the radio components.

9.   The system of claim 8, wherein the at least one management station is located remotely from the at least some of the radio components connected to the packetized switch.

10.   The system of claim 1, further comprising a management station configured to communicate via a network to at least one of the radio components, the management station is further configured to monitor or control the at least one of the radio components.

11.   The system of claim 10, wherein the management station is further configured to provide the at least one of the radio components with an address for connections via the packetized switch.

12.   The system of claim 10, wherein the management station is further configured to monitor a status of the at least some of the radio components.

13.   A method of connecting components of a software radio, the method comprising:

configuring a first radio component to have a correct address of a second radio

component, thus forming a first communications link between the first radio component

and the second radio component via a packetized switch therebetween;

configuring the second radio component to have a correct address of the first

software radio component, thus forming a second communications link between the

second radio component and the first radio component via the packetized switch; and

starting operation of the software radio including the first radio component and

the second radio component.

14.   The method of claim 13, wherein the packetized switch includes one of an

Ethernet switch, an Asynchronous Transfer Mode switch, and an Internet Protocol router.

15.   The method of claim 13, wherein:

the first radio component includes a red processor portion and a crypto portion,

and

the second radio component includes a black processor portion and a black radio

portion.

16.   The method of claim 13, wherein:

the first radio component includes a red processor portion, and

the second radio component includes a black processor portion.

17.   The method of claim 13, wherein:

the first radio component includes a crypto portion, and

the second radio component includes a black radio portion.

18. The method of claim 13, wherein:

the first radio component includes a red processor portion, and

the second radio component includes a crypto portion.

19. The method of claim 13, further comprising using a management station to communicate via the packetized switch and monitor or control at least one of the radio components.

20. The method of claim 19, further comprising using the management station to configure the at least one of the radio components.

21. The method of claim 19, wherein the management station is located remotely from the at least one of the radio components.

22. The method of claim 13, further comprising using a management station to communicate with a radio component via a network connection with the radio component.

23. A system comprising:

a plurality of means for implementing separate portions of a software radio; and

means for providing packetized switched communications among the plurality of means for implementing separate portions of a software radio,

wherein some of the plurality of means for implementing separate portions of a software radio are connected to at least some other of the plurality of means for implementing separate portions of a software radio via the means for providing packetized switched communications, such that a collection of connected ones of the plurality of means for implementing separate portions of a software radio forms a complete software radio.